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RE ORDER NO K-4920

Name

MISSOURI MINES

No.

40115832



SUPERFUND RECORDS

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D AROY M CASHIN
705 NATIONAL STANDARD BUILDING
HOUSTON TEXAS

July 28, 1945

Hull Mine

Mr S E McCullough
Brown & Root, Inc
P. O. Box 3
Houston 1, Texas


Dear Mac:

In accordance with your request, I am sending you a photostatic copy of the U S G S map of the Carthage area on which I have outlined in blue the portion of the lime wall to the south. In red I have outlined the probable producing area and in green the possible producing area. All these areas have been outlined by Carl Plumb in his reconnaissance work and should not be considered definite. As you know, churn drilling alone will give us definite data. As you remember, Carl told us this map, when photostated by Stewart Engineering Company, was slightly reduced as their photostat machine was too small to handle it. The original scale of the map was one inch to 100 feet. It actually scales slightly less than 1 inch to 100 feet. However, this map will probably do for your report and I will send you a full scale copy as soon as Carl has traced this map and sent me a print.

I am also enclosing a copy of a reconnaissance report made by me on this area for George and Herman Brown as of July 11th. The costs that I have given are approximations and not intended to influence you. As you will note, this letter was written several days before I joined you in Joplin but I thought this information might be helpful to you in making your report to Mr. Brown.

Enclosed is a copy of a reconnaissance report made on the Pleasanton lead prospect. As you will note, this was also prepared July 11th after my first visit to the area but prior to our recent trip. Attached to this report on this prospect, please find some data prepared by Carl Plumb. I thought this might be of interest to you in preparing your report.

Very truly yours,


D'Arcy M. Cashin

DMC fn
Encls

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D ARCY M CASHIN
705 NATIONAL STANDARD BUILDING
HOUSTON TEXAS

July 11, 1945

Messrs. Herman and George R. Brown
Brown & Root, Inc.
P. O. Box 3
Houston 1, Texas

Gentlemen:

In re: Carthage Area (Hull Area)

The Carthage area is located approximately two miles south and $1\frac{1}{2}$ miles west of the city of Carthage in Jasper County, Missouri. The area is also located $6\frac{1}{2}$ miles east and one mile north of our Wallowa area. There are many good gravel roads passing through and in the vicinity of the area.

The Carthage area, which will hereafter be referred to as the Hull area, is an old shallow mining area. The top of the ore was encountered in this area on an average of 35 feet below the surface of the ground. It has been sufficiently mined and drilled to lead to the belief that at least a 45 foot face of ore exists in this area. It is entirely possible that this mineralization may carry on down to the top of the sheet ground which will be encountered somewhere around 125 feet below the surface. No active mining has been done in this area for 25 years.

This area was brought to my attention by the engineers of the U.S. Bureau of Mines who are now carrying on an exploratory drilling campaign in this area. The work at the present time consists of outlining the shale area with portable power drills. The structure is considered to be a circle with the mineralized ring surrounding a central core. The extent of the ring as previously stated varies from 150 to 250 feet. At the present time we are not certain as to whether or not the core is mineralized. We are attempting to get drill records of the old test wells drilled here and may be able to determine this in this way. The United States Geological Survey recently mapped this area and I am endeavoring to get a copy of this data.

It is generally believed that the ore originally ran about 15% blend. Taking into account the amount of ore removed by old mining, the barren ground mixed in with workings, I believe it will be safe to say that we figure on a recovery of at least 3% zinc blend in our operations. This should be commercial ore as the ground can be readily worked by stripping methods and the concentrates should be high grade with very little water to be handled.

It is my belief that we can outline this ore body by churn drilling within two months time at a cost not to exceed \$10,000. It is our present rough estimate that this property can be put into production including mining and milling equipment, the cost not to exceed \$100,000.

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D'ARCY M. CASHIN
705 NATIONAL STANDARD BUILDING
HOUSTON TEXAS

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In accordance with Mr. George Brown's instructions I closed a trade with Dr. Hall, the owner of this property, however, I was compelled to make it on the basis of an operating mining contract. We modified our own standard form of mining lease to cover this situation. We paid no cash for this lease, the owner's consideration being prospecting on mining operations within 90 days from the date of signing of the lease. Should it not be desired to start these operations in that time, we can turn the lease back unless, however, we obtain an extension of the same. I filed the original of this lease for record in the County Court House in Carthage, Missouri on July 6th. An exact copy of this lease is submitted herewith.

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It is my recommendation that we explore this area by churn drilling immediately. Then, in the event the churn drilling is satisfactory we can start operations for stripping of the property and erection of the mill. The mill that we presently have in mind will be somewhat similar to the type used by Cooley in his operations at Sucker Flat.

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It is my belief that if the property proves to have the possibilities (which we now hope it has) when churn drilling campaign is completed and the valuation of the property proven by development, we can sell this property to either the American or Eagle Picher for a very handsome consideration and retain an interest of some character should you desire to do so. However, my present recommendation is to develop it and operate it ourselves.

A map of this area with the circle outlined is submitted herewith.

Very truly yours,

DMC:fm
Encl.

D'Arcy M. Cashin

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